

DATE: 10/12/2004

## PATENT APPLICATION: US/09/787,356A TIME: 15:27:13 Input Set : A:\DAVI122.001APC.TXT Output Set: N:\CRF4\10122004\I787356A.raw 4 <110> APPLICANT: Cocks, Thomas Mathew Moffat, James David 7 <120> TITLE OF INVENTION: METHODS OF TREATING AIRWAY DISEASES BY ACTIVATING PAR 10 <130> FILE REFERENCE: DAVI122.001APC 12 <140> CURRENT APPLICATION NUMBER: 09/787,356A C--> 13 <141> CURRENT FILING DATE: 2001-06-25 **高度的基础设施的特殊性的基础的数据的产品的** 15 <150> PRIOR APPLICATION NUMBER: PCT/AU99/00775 16 <151> PRIOR FILING DATE: 1999-09-15 18 <150> PRIOR APPLICATION NUMBER: AU/PP5922 19 <151> PRIOR FILING DATE: 1998-09-15 21 <150> PRIOR APPLICATION NUMBER: AU/PP8658 22 <151> PRIOR FILING DATE: 1999-02-12 The second secon 24 <160> NUMBER OF SEQ ID NOS: 13 26 <170> SOFTWARE: FastSEQ for Windows Version 4.0 28 <210> SEQ ID NO: 1 29 <211> LENGTH: 6 30 <212> TYPE: PRT 31 <213> ORGANISM: Artificial Sequence 33 <220> FEATURE: 34 <223> OTHER INFORMATION: The peptide TRAP from human protease-activated receptor 1(PAR-1) 37 <400> SEQUENCE: 1 38 Ser Phe Leu Leu Arg Asn 42 <210> SEQ ID NO: 2 43 <211> LENGTH: 6 44 <212> TYPE: PRT 45 <213> ORGANISM: Artificial Sequence 47 <220> FEATURE: 48 <223> OTHER INFORMATION: The peptide PAR2-AP from human protease-activated receptor-2 (PAR-2) 51 <400> SEOUENCE: 2 52 Ser Leu Ile Gly Arg Leu 53 1 56 <210> SEQ ID NO: 3 57 <211> LENGTH: 6 58 <212> TYPE: PRT 59 <213> ORGANISM: Artificial Sequence 61 <220> FEATURE: 62 <223> OTHER INFORMATION: The human protease-activated receptor-2 (PAR-2) tethered ligand sequece

RAW SEQUENCE LISTING

65 <400> SEQUENCE: 3

## RAW SEQUENCE LISTING DATE: 10/12/2004 PATENT APPLICATION: US/09/787,356A TIME: 15:27:13

Input Set : A:\DAVI122.001APC.TXT
Output Set: N:\CRF4\10122004\1787356A.raw

```
66 Ser Leu Ile Gly Lys Val
67 1
70 <210> SEO ID NO: 4
71 <211> LENGTH: 6
72 <212> TYPE: PRT
73 <213> ORGANISM: Artificial Sequence
75 <220> FEATURE:
76 <223> OTHER INFORMATION: Scrambled peptide sequence
78 <400> SEQUENCE: 4
79 Leu Ser Ile Gly Arg Leu
83 <210> SEQ ID NO: 5
84 <211> LENGTH: 7
85 <212> TYPE: PRT
86 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: The carboxyl-terminal of mouse protease-activated
90
         receptor 2 (PAR-2)
92 <400> SEQUENCE: 5
93 Cys Ser Val Lys Thr Ser Tyr
94 1
97 <210> SEQ ID NO: 6
98 <211> LENGTH: 6
99 <212> TYPE: PRT
100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: The protease-activated receptor 4 (PAR-4)
         activating peptide
106 <400> SEQUENCE: 6
107 Gly Tyr Pró Gly Lys Phe
108 1
111 <210> SEQ ID NO: 7
112 <211> LENGTH: 7
113 <212> TYPE: PRT
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: The human protease-activated receptor-2 (PAR-2)
          tethered ligand sequence
120 <400> SEQUENCE: 7
121 Ser Leu Ile Gly Lys Val Asp
125 <210> SEQ ID NO: 8
126 <211> LENGTH: 6
127 <212> TYPE: PRT
128 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: The protease-activated receptor-4 (PAR-4)
          activating peptide
134 <400> SEQUENCE: 8
```

## RAW SEQUENCE LISTING

DATE: 10/12/2004 PATENT APPLICATION: US/09/787,356A TIME: 15:27:13

Input Set : A:\DAVI122.001APC.TXT

Output Set: N:\CRF4\10122004\1787356A.raw

```
135 Gly Tyr Pro Gly Gln Tyr
139 <210> SEQ ID NO: 9
140 <211> LENGTH: 6
141 <212> TYPE: PRT
142 <213> ORGANISM: Artificial Sequence
144 <220> FEATURE:
145 <223> OTHER INFORMATION: Tethered ligand sequence for Xenopus
          protease-activated receptor-1 (PAR-1)
148 <400> SEQUENCE: 9
149 Thr Phe Arg Ile Phe Asp
150 1
153 <210> SEQ ID NO: 10
154 <211> LENGTH: 6
155 <212> TYPE: PRT
156 <213> ORGANISM: Artificial Sequence
158 <220> FEATURE:
159 <223> OTHER INFORMATION: Tethered ligand sequence for mouse and rat
          protease-activated receptor-1 (PAR-1)
162 <400> SEQUENCE: 10
163 Ser Phe Phe Leu Arg Asn
164 1
167 <210> SEQ ID NO: 11
168 <211> LENGTH: 6
169 <212> TYPE: PRT
170 <213> ORGANISM: Artificial Sequence
172 <220> FEATURE:
173 <223> OTHER INFORMATION: Tethered ligand sequence for human
          protease-activated receptor-3 (PAR-3)
176 <400> SEQUENCE: 11
177 Thr Phe Arg Gly Ala Pro
178 1
181 <210> SEQ ID NO: 12
182 <211> LENGTH: 6
183 <212> TYPE: PRT
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: Tethered ligand sequence for mouse
          protease-activated receptor-3 (PAR-3)
190 <400> SEQUENCE: 12
191 Ser Phe Asn Gly Gly Pro
192 1
195 <210> SEQ ID NO: 13
196 <211> LENGTH: 6
197 <212> TYPE: PRT
198 <213> ORGANISM: Artificial Sequence
200 <220> FEATURE:
201 <223> OTHER INFORMATION: Tethered ligand sequence for human
          protease-activated receptor-4 (PAR-4)
```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/787,356A

DATE: 10/12/2004 TIME: 15:27:13

Input Set : A:\DAVI122.001APC.TXT

Output Set: N:\CRF4\10122004\I787356A.raw

204 <400> SEQUENCE: 13

205 Gly Tyr Pro Gly Gln Val

206 1 5

VERIFICATION SUMMARY

DATE: 10/12/2004 TIME: 15:27:14

PATENT APPLICATION: US/09/787,356A

Input Set : A:\DAVI122.001APC.TXT

Output Set: N:\CRF4\10122004\1787356A.raw

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date